# *APPARATUS AND METHOD FOR PROCESSING MULTIPLE ARRAYS OF BIOLOGICAL PROBES*

## Abstract of Disclosure

Apparatuses and methods are described that enable high-throughput processing (e.g., hybridizing, washing, and staining) of microarrays. This high-throughput processing is achieved in part by combining the capabilities for separate hybridization of multiple arrays in fluidically separated hybridization chambers with parallel processing of those arrays in a single fluidic chamber during certain processing stages. In some implementations, the apparatus includes a separating member constructed and arranged so that, when it is disposed in a first position the microarrays are fluidically separated from each other. When the separating member is removed, the microarrays are fluidically coupled with each other. Thus, separate microarray hybridization chambers may readily be converted to a single fluidic chamber by moving the separating member.

## Figures